

Spherical and Filamentous Bodies in Cultures of
Measles Virus, by S. B. Stefanov, pp 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp. 736-738.

AIES

Sci

Sept 61

167,933

Electrical Dichroism of Solutions of
Deoxyribonucleic Acid, by G. A. Dvorkin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 739-742.

A¹p
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158, 412

Formation of Amino Acids During the Action of
Ultra-Violet Rays on the Solutions of Formaldehyde
and Ammonium Salts in the Presence of Adsorbents,
by T. E. Pavlovskaya, A. G. Pasynskiy, A. I.
Grebenikova, 11 pp .

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, 1960, No 1,
pp 743-746.

AEC UCRL-Trans-646

Sci - Chem
Jul 61

157,428

Histochemistry of Tyrosine and Histidine in Re-
generating Connective Tissue, by B. B. Fuks,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 3, 1960, pp 747-749.

LIBS

Sci

167, 376

Jul 61

Concerning Proterandry in Umbelliferae, by A. E.
Ponomarev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp 750-752.

AIBS

Sci

Jul 61

160,759

Regulation of Cell Division during Embryonic
Development of Loach (*Misgurnus fossilis* L.) from
Results of Radiation Experiments, by I. M. Shapiro,
E. Ya. Lander, (pp. 4).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 3,
1960, pp. 756-759.
1960

AIBS

Sci

Sept 61

167,922

On the Systematic Nature of Deviations From the Laws
of Plasticity, by N. M. Mitrokhin, Yu. I. Yasn, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 796-799.

AJP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

Reverse Trans to 158, 408
French by CTS 62-22128

Majorization of Feynman Diagrams, by A. A.
Logunov, A. N. Tavkhelidze, I. T. Todorov, et al.
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 801-804.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,322

A Contact Thermal Conduction Problem, by L. I.
Rubinshtein, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 805-808.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,323

On Extended Hartree - Fock Methods, by Ya. I.
Vizbaraite, K. K. Eringis, A. P. Yutsis, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 309-310.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

Equation of State of Iron Up to Pressures of Several
Million Atmospheres, by V. N. Zharkov, V. A.
Kalinin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCV, No 4,
1960, pp 811-814.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,334

Structure of the New Antiferromagnetic BiFeO_3 ,
by A. I. Zaslavskiy, A. G. Tutov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 815-817.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,336

Anisotropy of the Hall Effect in Tin, by V. N.
Kachinskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No
1960, pp 818-821.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,335

Calculation of the Phase Trajectories of Charged
Particles Taking Into Account the Coulomb
Interaction in the Input Resonator of a Linear
Electronic Accelerator, by S. P. Lomnev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 7
1960, pp 822-824.

AIP
Sov Phys - Dok
Vol. V, No 6

Sci

Jun 61

156,337

Elementary Excitation by Temperature in a Nonideal
Bose-Einstein System, by V. V. Tolmachev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 825-.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,338

The Effect of Pressure on the Coalescence and
"Healing" of Micropores in Crystalline Bodies, by
Ya. E. Geguzin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 829-832.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158, 403

High-Voltage Photoelectromotive Forces in Thin
Semiconductor Layers, by V. M. Lyubin, G. A.
Fedorova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 833-836.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

158, 409

Jun 61

61-18605

Dolgoplosk, B. A., Kropacheva, E. I. and others.
DIENES POLYMERIZATION UNDER THE EFFECT OF
HOMOGENOUS CATALYTIC SYSTEMS, CONTAINING
COBALT OR NICKEL SALTS. [1961] 3p. 8 refs.
Order from OTS or SLA \$1.10 61-18605

I. Dolgoplosk, B. A.
II. Kropacheva, E. I.

Trans. of Akad[emiya] Nauk SSSR. (Doklady, 1960,
v. 135, no. 4, p. 847-848.

DESCRIPTORS: *butadienes, Polymerization, Catalysts,
Alkyl radical, Aluminum compounds, Chlorides, Co-
balt, Nickel compounds, Chemical reactions.

The possibility of cis-polybutadiene production on the
basis of application of the homogenous catalysts, formed
in reaction of dialkylaluminum chlorides with various
cobalt- and nickel compounds, is shown.

(Chemistry--Organic, TT, v. 6, no. 9)

105448
Office of Technical Services

Kabachnik, M. I., Medved, T. Ya., and
 Polikarpov, Yu. M.
 PHOSPHINE OXIDES CONTAINING A VINYL GROUP
 ON THE PHOSPHORUS ATOM. 28 Feb 61 (8)p.
 11 refs.
 Order from LC or SLA m\$1.00, ph\$1.00 61-10865
 Trans. of Akademiya Nauk SSSR. Doklady. 1960,
 v. 135 (no. 4) p. 849-852.

151875

(Chemistry--Organic, TT, v. 3, no. 9)

61-10865

1. Phosphine oxides--Synthesis
2. Vinyl compounds--Synthesis
3. Polymers--Synthesis
- I. Kabachnik, M. I.
- II. Medved, T. Ya.
- III. Polikarpov, Yu. M.

Office of Technical Services

61-18603

I. Kostyanovskii, R. G.

Kostyanovskii, R. G.
REACTION OF ETHYLENE-IMINE WITH FORMALDE-
HYDE. [1961] 5p. 15 refs.
Order from OTS or SLA \$1.10

61-18603

Trans. of Akademiya Nauk SSSR (Doklady), 1960, v.
135, no. 4, p. 853-856.

DESCRIPTORS: *Ethylenes, *Imines, Formaldehyde,
Chemical reactions.

125446

Office of Technical Services

(Chemistry--Organic, TT, v. 6, no. 9)

Hyperfine Structure of the EPR Spectrum in a One-Electron System With Two Potential Wells, by A. I. Burnstein, 6 pp.

RUSSIAN, per, Dok. Ak. Nauk SSSR, Vol CXXXV, No 4, 1960, pp 886-889,

CB

Sci

167,404

Jul 61

The Effect of Corrosion Inhibitors on Mechanico-
ecorrosional Abrasion, by E. M. Zaretskiy, I.
M. Katser, O. A. Petrova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 890-892.

CB

Sci

167,406

Jul 61

The Structure and ~~XXXX~~ Properties of Isotactic
Polymethyl Acrylate and Its Salts, by V. A. Kargin,
S. Ya. Mirkina, V. A. Kabanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 4, 1960, pp 893-895.

CB

NLL

Sci

Jul 61

167,407

The Role of Longitudinal Mixing in Exchange Columns
for Isotopic Separation by B. P. Konstantinov,
L. V. Kotova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol *X* CXXXV,
No 4, 1960, pp 896-898.

CB

Sci

167,409

Jul 61

The Effect of Metallic Ions on the Corrosion of Stainless Steel in Concentrated HNO_3 Solutions, by N. M. Kirtepov, A. S. Gryaznova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4, 2 pp 899-901.

✓
1960,

CB

ALL INFORMATION

167,408

Sci

Jul 61

7. The Radiolytic Reduction of Tetravalent Cerium in
The Presence of Monovalent Thallium Under Irradiation
at High Dosage Rates, by A. K. Pikayev, P. Ya.
Glazunov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 4, 1960, pp 902-905.

CB

Sci

167, 410

Jul 61

The Problem of the Penetration of Soviet Arms into
China, by V. I. Balinovskiy, A. D. Lomakin, V. R.
Mikhailov, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol. 198, No. 4,
1960, pp 906-908.

CU

161

161 61

161, 411

Effect of the Nature of the Cathode on the Halbe
Electrolysis, by M. Ya. Fiodin, Yu. B.
Vasil'yev, E. G. Gaginina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 909-912.

CE

Sci

167, 413

Jul 61

Types of Nuclear Division, by L. P. Chel'tsova,
pp. 3.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXCV, No 9,
1961, pp. 971-974.

AIES

Sci

167,914

Sept 61

Karyological Characterization of Desmogenic and
Chondrogenic Differentiation of Mesenchyme in
Histogenesis, by M. I. Sorokina, (pp. 3.)

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp. 975-977.

AIBS

Sci

167, 929

Sept 61

The Feasibility of Using Confrervoid Algae for the
Purification of Radioactively Contaminated Water,
by G. M. Kulikova, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp. 978-980.

AIBS

Sci

167, 917

Sept 61

100-100000

100-100000

100-100000

100-100000

100-100000

Use of Actinophage in a Directed Search for Producers
of Heptaene Antibiotics, by V. D. Kuznetsov,

pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp. 981-983.

AIBS

Sci

Sept 61

167,934

The Influence of Radiation on Regeneration
Processes in Tissue Culture, by A. F. Nikiforov,
3 pp.

RUSSEIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp 984-986.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

AIPS 158, 413

Configuration of the Ribonucleic Acid Molecule of
Infectious Virus in Solutions as Indicated by
Electrical Birefringence Data, by G. A.
Dvorkin, A. S. Spirin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 4, 1960, pp 987-990.

AIRS

Sci

Jul 61

167,375

Glutathione as a Constituent of the Active Center
of 3-Phosphoglyceraldehyde Dehydrogenase, by
E. P. Zdrodovskaya, S. A. Neifakh, 4 pp. 41

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXIV, 5
No 4, 1960, pp 991-994.

AIBS

Sci

Jul 61

167, 278

Formation of Thiamine From Thiochrome in Animal
Tissues, by Yu. M. Ostrovskiy, A. I. Balakleyev-
skiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 4, 1960, pp 995-997.

AIBS

Sci

Jul 61

167, 379

Mechanism I of the Oxygen Effect in Radiative Oxidation of Sulfhydryl Groups of Cysteine and Ovalbumin, by A. G. Pasyunskiy, T. E. Pavlovskaya, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4, 1960, pp 998-1001.

AIIBS

Sci

Jul 61

167, 281

Protective Effect of Inhibitors of Radical Chain
Reactions (Propyl Gallate) Against the Action of
Vipera lebetina Venom, by F. F. Talynin, N. M.
Znamenskiy, I. B. Yurkova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXV,
No 4, 1960, pp 1002-1004.

AIBS

Sci

167, 380

Jul 61

Electrotonic Analysis of the Action of Various
Narcotics on the Nerve of a Frog, by O. B. Il'inskiy,
N. T. Tertyschnik, (pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp. 1005-1008.
1960

AI85

167,944

Sci

Sept 61

Morphology and Biology of the Cercaria of
Posthodiplostomum cuticola (Nordmann, 1832) Duhosis,
1936--The Causal Agent of "Black-Spot" Disease
in Fish, by V. L. Vladimirov, Fig. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp. 1009-1011.

AIBS

Sci

167, 937

Sept 61

"

The Relationship between the Distribution of
Glycogen in the Bodies of Different Cercariae and
their Biological Peculiarities, by T. A. Ginetsinskaya,

pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 4,
1960, pp. 1012-1015.

AIBS

Sci

Sept 61

167,938

The Principle of "Mobile Lockouts" in Designing
Electronic Digital Computer Networks, by M. A.
Kartsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1064-1067.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,313

(NY-6326)

The Principle of Movable Block Systems in
Building Electronic Digital Computers, by
M. A. Kartsev, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 5, 11 Dec 1960, pp 1064-1067.
4

JPRS 9407 155,299

Sci - Electron
Jun 61

The Stability of Plane-Parallel Flows of an
Ideal Fluid, by L. A. Dikiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5
1960, pp 1068-1071.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,316

A Point Discontinuity in a Perfect Incompressible
Fluid in the General Theory of Relativity, by
V. A. Skripkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5.
1960, pp 1072-1075.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,318

Interaction of a Simple Wave With a Contact
Discontinuity, by V. A. Smirnov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1076-1078.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,319

Creep of Ice and Frozen Skeletal Soils in Complex
Stressed State, by K. F. Voitkovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1079-1082.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,326

An Investigation of the Dynamic Stability of Plates
Using an Electronic Digital Computer, by A. Yu.
Birkgan, A. S. Vol'mir, 5 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1083-1085.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158, 409

The Axiomatic Method and the Theory of Perturbations
by B. V. Medvedev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1087-1090.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,466

Boundary Conditions in the Method of Spherical
Harmonics, by V. S. Vladimirov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5
1960, pp 1091-1094.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,324

Localization Entropy and Extent in a Quantum-Mechanical System, by D. A. Bochvar, I. V. Stankevich, A. L. Chistyakov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5, 1960, pp 1095-1096.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

Certain Laws Governing Secondary Electron Emission
From Thin Metal and Semiconductor Layers, by
I. M. Bronshtein, B. S. Fraiman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5:
1960, pp 1097-1100.

SIP
Sov Phys - Dok
Vol V, No 6

156,340

The Selection Rules Governing an Electron Transition
for Various Types of Coupling, by Ya. I.
Vizbaraitis, V. I. Chiplis, A. P. Yutais, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XXXV, No 5,
1960, pp 1101-1103.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,339

The Effect of Hydrostatic Pressure on the Elastic
Properties of Cerium, by P. P. Voronov, L. F.
Vereshchagin, V. A. Goncharova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1104-1107.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jan 61

156,341

A New Electroluminescence Effect in Black
Carborundum, by A. G. Goldsman, 3 pp.

RUSSIAN, per, dok Ak Nauk SSSR, Vol CXIXV, No 5,
1960, pp 1108-1110.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,342

Energy Distribution of Bremsstrahlung From a
Longitudinally Polarized Electron, by B. K.
Kerimov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5,
1960, pp 1111-1113.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,344

Spectroscopic Investigation of the Propagation
of Hypersonic Waves in Viscous Liquids, by M. S.
Resin, I. L. Fabelinskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5
1960, pp 1114-1116.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,343

The Effect of Pressures Up to 5000 kg/cm² on the
Velocity and Absorption of Ultrasonic Waves in
Nitrogen, by M. P. Volarovich, D. B. Balashov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1117-1119.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

157,614

Solar Corpuscular Streams and Geomagnetic Storm
Families, by V. I. Afanas'eva,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, 1960,
pp 1120-1122. 9095434

~~2~~

NASA TT-F-8001

Sci
Sep 61

168,443

Godin, Yu. A. and Egorkin, A. V.
ARCHITECTURE OF THE EARTH'S CRUST FROM
DATA OF REGIONAL SEISMIC WORK PERFORMED
IN THE SOUTHEAST OF THE RUSSIAN PLATFORM.
[1962] [11 p. (figs. omitted) 7 refs. VESIAC-2295.
Order from CTS or SLA \$1.60 62-33490

Trans. of Akad[emiya] Nauk SSSR, [Doklady], 1960,
v. 135, no. 5, p. 1123-1126.
Another trans. is available from AGI \$8.00

DESCRIPTORS: *Geology, *Seismic waves, Seismo-
graphs, *Earth, Geophysics, Lithosphere.

(Earth Sciences--Geology, TT, v. 9, no. 9)

62-33490

- I. Godin, Yu. A.
- II. Egorkin, A. V.
- III. VESIAC-2295
- IV. Technical Library Re-
search Service,
Ann Arbor, Mich.
- V. Contract SD-78

T I k

Office of Technical Services

On the Mechanism of Thermal Degradation of Cured
Epoxy Resins, by M. B. Neiman, B. M. Kovarskaya,
A. S. Strizhkova, I. I. Levantovskaya, M. S.
Akhatin.

RUSSIAN, per, Dok Ak Nauk, Vol CXXIV, No 5, 1960,
pp 1147-1149.

(41) RAE 942
CTE, LAC ETC 77 60-29025
175,997

Sci - Physics

Dec 65.

Investigation I of Energy Transfer Along A~ CH₂~
Chain by Luminescence Quenching, by V. I. Gusynin,
V. L. Tal'roze, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 15, 5,
XS 1960, pp 1160-1163.

CB

OTS 65-15310

Sci

Jul 61

167, 412

Adsorption of ~~XX~~ Alkyl Radicals on Oxide Semi-
conductors, by I. A. Myasnikov, E. V. Bol'shun,
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1164-1167.

CB

Sci

Jul 61

167,414

On A Certain Possibility π in the Quantum Theory
of Chemisorption, by V. I. Osherev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 5, 1960, pp 1168-1171.

CB

ATS/RI-3083

Sci

Jul. 61

167,415

Electron Density Distribution in Germanium, by
N. E. Sirota, A. U. Sheleg, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXIV,
No 5, 1960, pp 1176-1178.

CB

Sol

Jul 61

167,416

Micelle Formation in Solutions of Surface-
Active Substances, by A. B. Taubman, S. A.
Nikitina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 5, 1960, pp 1179-1182.

CB

Sci

EX EX Jul 61

167,418

The Capacity of the Electrical Double Layer in Molten
Salts, by E. A. Ukshe, N. G. Bukin, D. I. Leikis,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ⁹CCCCV,
No 5, 1960, pp 1183-1186.

CB

Sci

Jul 61

167, 419

61-22604

Neruchev, S. G.
SOME PATTERNS IN THE DISTRIBUTION OF PETRO-
LEUM BITUMENS IN SEDIMENTARY ROCK SERIES.
[1961] 4p.
Order from ATS \$6.00 ATS-39N51R

Trans. of Akademiya Nauk SSSR (Doklady), 1960,
v. 135, no. 5, p. 1226-1228.

DESCRIPTORS: *Petroleum, *Bitumens, Rock,
Geology.

I. Neruchev, S. G.
II. ATS-39N51R
III. Associated Technical
Services, Inc., East
Orange, N. J.

169822

Office of Technical Services

(Earth Sciences--Geology, TT, v. 6, no. 2)

Some Data on Age-Dependent Changes in the Leucocytic
Formula in Kittens, by ~~Dr~~ V. S. Fedorov, (pp. 3).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 15,
1960, pp. 1240-1243.

AIBS

Sci

Sept 61

167,930

Crossing of Hard Wheat with Rye, by A. F.
Shulyndin, L. N. Naumova, pp. 3.

X

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5.
1960, pp. 1244-1246.

AIBS

Sci

Sept 61

167,925

The Uptake of S^{35} Methionine in the Exocrine Portion
of the Pancreas in Radiation Sickness, by
G. N. Voronin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1247-1249.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

FILE

158, 414

The Effect on Growth and Vegetative Reproduction of
Gladioli of Chronic Irradiation With Co^{60} , by
S. I. Isayev, I. V. Dryagina, I. M. Vershinkina,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1250-1253.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158, 415

The Effect of X Rays on the Tissue Content of
Sulphydril Groups, by L. I. Korchak, T. A.
Speranskaya, 3 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1254-1257.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

file

158, 416

Reversible Photoreduction of Bacteriochlorophyll
and Its Role in Processes of Photochemical
Electron Transfer, by A. A. Krasnovskiy, E. V.
Pakhina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 5, 1960, pp 1258-1261.

AIBS

Sci

Jul 61

167,382

Cleistogamy of Chenopodiaceae, by A. K.
Ponomarev, E. I. Lykova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1262-1265.

AIBS

Sci

Jul 61

160, 761

On Anomalies in Growth of Tree Vegetation in the
Vicinity of the Fall of the Tunguska Meteorite,
by Yu. M. Emel'yanov, V. I. Nekrasov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1266-1269.

AIBS

Sci

Jul 61

160,769

Changes in Optical Properties of Leaves in the
Course of the Growing Season, by S. V. Tageyeva,
A. B. Bradt, V. G. Derevyanko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp 1270-1273.

AIDS

Sci

Jul 61

160,768

The Structure of the Digestive Tract in *Geophilus proximus* Koch. (Chilopoda), by Z. S. Kaufman,

pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp. 1274-1277.

AIBS

Sci

Sept 61

167, 948

On the Reparative Inflammatory Changes in the Alveolar
Epithelium, by Yu. Z. Sukhov, pp. 4.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp. 1278-1280.

1960

AIBS

Sci

167,923

Sept 61

Heterotylenchus pawlowskyi sp. n., a Nematode
Castrating Plague-Carrying Fleas, by Yu. V.
Kurochkin, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp. 1281-1284.
1960

AIBS

Sci

Sept 61

167, 940

The Life Cycles of Two Cestodes of the Water Shrew,
by A. A. Spasskiy, pp. 3.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 5,
1960, pp. 1285-1287.

AIBS

Sci

Sept 61

167,929

Temperature Effects in the Plasma Vibrations of
High-Density Fermi-Gas, by I. V. Trosnikov, 4 1

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6
1960, pp 1347-1350.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,325

The Theory of Melting, by I. P. Bazarov, 3 pp.

RUSSIAN; per; Dok Ak Nauk SSSR, Vol CXXXV, No 6
1960, pp 1351-1353.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,345

One Possible Mechanism for Capture of Charged
Particles in a Magnetic Field, by V. M.
Vakhrin, G. A. Skuridin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6,
1960, pp 135/-1357.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,346

On the Generalized Hartree-Fok Methods, by Ya. I.
Vizbaraitis, T. D. Strotskite, A. P. Yutsis, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6,
1960, pp 1354-1357.

AIP

Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,348

A Propos de l'un des Mecanismes Possibles de
Capture, par un Champ Magnetique, de Particules
Chargees, by V. M. Vakhnine, A. Y. Ichlinski, et al,
9 pp.

RUSSIAN to FRENCH, per, Dok Ak Nauk, Vol CXXXIV, No 6,
1960, pp 1354-~~135~~ 1357. 9209938

Reverse Translation
X CEA-R-1518

Sci

Aug 63

The Impurity Conductivity of Germanium at Low
Temperatures, by B. M. Vul, Ye. I. Zavaritskaya,
L. V. Keldysh, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6,
1960, pp 1358-1360.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,347

On the Phenomenon of Magnetic Pinch in a Free-Molecular Plasma Stream (The Theory Governing the Flow of Solar-Corpuscular Streams Past the Earth Magnetic Dipole), by V. N. Zhigulev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6, 1960, pp 1361-1363.

AIP
Sov Phys - Dok
Vol. V, No 6

Sci

Jun 61

156,349

The Isotropic and Anisotropic Components of the
Even Photomagnetic Effect, by I. K. Kikoin, S. D.
Lazarev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6,
1960, pp 1367-1370.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

158, 396

Jun 61

The Deformation of "Co-Traveling" (Concomitant) Space
in Einstein's Gravitational Theory, by A. L.
Zel'manov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 6,
1960, pp 1364-1366.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

158, 395

RUSSIAN:
1960

per, Dok Ak

Formulation of Nonbinary Self-Corrective Codes
and Estimating the Number of Signals in Them, 1
V. M. Ostianu, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, No 6
1960, pp 1382-1384.

AIP
Sov Phys - Dok
Vol V, No 6

Sci

Jun 61

156,312

61-25203

Kitova, A. I., Varshavskii, Ya. V.
ELECTRONIC ABSORPTION SPECTRA OF ARO-
MATIC HYDROCARBON SOLUTIONS IN LIQUID HCl
IN THE PRESENCE OF AICl₃ [1961] 5p.
Order from ATS \$5.50 ATS-56N52R

Trans. of Akademiya Nauk SSSR. Doklady, 1960,
v. 135, no. 6, p. 1395-1398.

DESCRIPTORS: Hydrocarbons, *Absorption,
Spectrographic analysis, Solutions.

- I. Kitova, A. I.
- II. Varshavskii, Ya. V.
- III. ATS-56N52R
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/AJ-1052

1961

Office of Technical Services

(Chemistry--Organic, TT, v. 6, no. 7)

Metallochemical Properties of Niobium, by
I. I. Kornilov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 6, 1960, pp 1399-1401. 9670600

FTD-MCL-948/1

Sci - Mln/Metal

164,350

Aug 61

The Simultaneous Discharge of Metallic Ions in
Real Conjugate Systems, by A. T. Vaganyan,
T. A. Matuyeva, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 6, 1960, pp 1413-1416.

CB

Sci

167, 421

Jul 60.

The Influence of Monolayers on the Evaporation of
Drops, by S. P. Bakanov, Yu. S. Kurgin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 6, 1960, pp 1417-1420.

CB

Sci

Jul 61

167, 420

Destruction and Formation of Structures of Natural
Proteins During Their Transfer Through Nonporous
Membranes, by V. A. Kargin, P. V. Kozlov, S. Ya.
Mirina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV,
No 6, 1960, pp 1421-1424.

CB

Sci

167, 422

Jul 61

Effect of Discreteness of Charge and Properties of
the Double Layer at a Metal - Solution Interphase (Con-
sideration of the Discrete Structure of the Charge
of Specifically Adsorbed Ionic Layers), by V. G.
Levich, V. A. Kir'yanov, V. S. Krylov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 6, 1960, pp 1425-1428.

CB

Sci

167, 423

Jul 61

Determination of the Electrocapillary Maximum
Potential of Silver, by D. I. Leikis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 6, 1960, pp 1429-1431.

CB

Sci

Jul 61

167,425

Mechanism of the Anode Solution of Indium Amalgam in
Acid Solutions, by V. V. Losev, A. I. Molodov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 6, 1960, pp 1432-1435.

CB

Sci

Jul 61

167, 424